ReidMiddleton

728 134th Street SW, Suite 200 Everett, WA 98204 425/741-3800 (Fax 425/741-3900)

TRANSMITTAL MEMALD

Randy Hall

From:

7/14/00 Date:

JUL 1 7 2000 KING COUNTY

INTERNATIONAL AIRPORT

To:

John Current

King County International Airport

(Boeing Field)

7233 Perimeter Road P.O. Box 80245 Seattle, WA 98108

Project:

King County International Airport (Boeing Field)

Runway 13L-31R Rehabilitation

AIP 3-41-0058-26

File No.

23-00-009

Enclosures:

No. of

Copies Description

Preliminary Scope and Engineering Costs

thave It this straight looked generally looked and but had a few a few guestions & comments.

Action Requested: None

For your Records For your Signature Other:

For your Review and Return

Date Required:

John,

A preliminary scope and engineering proposal for the upcoming Runway 13L-31R rehabilitation project are enclosed. The scope is centered around the runway's upgrading to meet FAA standards for commercial service runways.

There obviously has not yet been an opportunity to sit down together to discuss scope items in detail and so it's arguably a bit premature to also consider the corresponding engineering costs. However, we thought there might be some value in taking a look at a preliminary fee proposal, not just in terms of specific numbers but also in terms of format. As is most commonly the case with FAA projects, the design portion of the package is set up as a lump sum and the construction engineering is reflected as time and expense. The proposal reflects hours of effort per task that are quite consistent with those we have utilized on other similar airport projects. The engineering issues to be considered, the basic design and construction procedures to be followed and the steps of the FAA process are essentially the same as with these previous projects.

Please keep in mind that both the Field Engineering and the Quality Assurance Lab Testing items, under Construction Engineering (time and expense), are difficult to gauge since they are directly influenced by the Contractor's construction pace and weather conditions. The Q.A. dollar figure we have shown is one we find to be a reasonable average for a paving job of this magnitude. Since a thorough lab program is a strict FAA requirement, however, this number could change by necessity during the construction.

John, after you have had a chance to review this proposal, please ask us for clarification on anything that is not clear. When the time arrives for your independent estimator to do an analysis, we would be happy to provide a "blanked out" fee proposal form or electronic file to help ensure that we are all evaluating the same scope.

Thanks.

ENGINEERING SCOPE OF WORK

KING COUNTY INTERNATIONAL AIRPORT (BOEING FIELD) **RUNWAY 13L-31R REHABILITATION**

PROJECT OUTLINE

- Limited geotechnical investigation.
- Runway pavement deflection testing and strength evaluation.
- Topographic survey of runway and transitional taxiway areas.
- Bonding improvement (grinding of existing surface) prior to overlay.
- New runway surface profile and cross slopes consistent with FAA criteria and minimum strength requirements.
- Evaluation of strength and condition of connecting Taxiways A4 and A7.
- Paved transitions into adjacent taxiways.
- Determination (non FAA-eligible) of intersection location of future Taxiway A3.
- Grooving of new runway pavement surface.
- Evaluation of existing runway threshold locations.
- Runway and taxiway pavement striping.
- Evaluation of existing runway electrical systems.
- Addition of Runway End Identifier Lights (REILs).
- Addition of distance-remaining signage.
- Upgrading to electrical vault.

ASSUMPTIONS

If required by agencies, SEPA checklist will be performed by Reid
Middleton.

If required by agencies, Biological Assessment will be included with contract. with contract.

- Final determination of runway width will have been completed by Airport and FAA prior to beginning of design process.
- Existing runway edge lighting system will not be relocated on this project.
- Construction engineering fees are based upon 40 days on-site during construction activity, including presence during all asphalt quality assurance testing. In the event that the Contractor's schedule necessitates additional engineering field time, the Engineer shall be compensated for the additional time on a cost plus fixed fee basis.
- Quality Assurance lab testing is included under construction engineering.

- The Contractor will provide construction surveying.
- Design work to be completed prior to May 1, 2001.
- Construction and project closeout to be completed prior to May 1, 2002.

PRELIMINARY ENGINEERING

Formulate project and finalize work scope and schedule with Airport staff and FAA.

Prepare construction and project cost estimate.

Prepare grant application based upon construction and project cost estimate.

Topographic survey of runway for development of a base map for design will include:

- Typical 50' longitudinal x 25' transverse grid plus obvious grade breaks within the approximate 3,700' length of the runway and laterally to 150' either side of runway centerline.
- Similar survey grid within transitional areas of connecting taxiways.
- All drainage, utilities, and miscellaneous structures within runway construction limits.
- Develop base map for design.

Runway pavement deflection testing program to determine existing strength of pavement and to identify any weak areas.

Limited geotechnical investigation adjacent to the runway for the purpose of identifying ground moisture, exploring any identified weak runway areas, and the determining the CBR value for runway subgrade. The CBR values will influence the pavement overlay design.

Assist the Airport in complying with the DBE program and submitting goals to FAA Civil Rights.

Review available record data.

DESIGN ENGINEERING

Conduct pavement life cycle analysis for purposes of comparing the long-term cost of asphalt versus concrete.

Attend one conceptual design meeting with the Airport staff, Airport users, and FAA personnel to review findings, recommendations, and solicit feedback.

Develop preliminary plans and contract documents in accordance with all applicable FAA advisory circulars, including:

AC 150/5300-13	Airport Design
AC 150/5370-2C	Construction Phasing and Safety
AC 150/5320-5B	Airport Drainage
AC 150/5320-6C	Pavement Design
AC 150/5340-1F	Marking
AC 150/5370-10A	Lighting

Prepare Engineer's Design Report, including:

- Scope of proposed project.
- Pavement design for new surfacing of runway (include FAA form 5100-1, Airport Pavement Design).
- List of Advisory Circulars, Design, and Construction Standards.
- Modifications to Standards.
- Phasing and scheduling recommendations.
- Project quantities & construction cost estimates.

Prepare plans for contract documents for the project in AutoCAD.

Meeting with King County (County) and FAA to review intermediate-stage design including phasing and safety considerations.

Incorporate intermediate design review comments.

Meeting with County and FAA for final review of design documents.

Finalize Engineer's Design Report.

Prepare final construction quantities and construction cost estimates.

Prepare final project safety/phasing/layout plans.

Prepare final bidding/construction contract plans and specifications.

Furnish the County with project description for use in advertising for bids.

Furnish the County with 50 sets of plans and specifications for distribution to bidders.

CONSTRUCTION ENGINEERING

Assist the Airport with contractor coordination/questions through the bidding process, including conducting a pre-bid conference at the Airport.

Assist the Airport with preparation of the FAA grant application. Danielle Assist the Airport with preparation of the FAA grant application. Danielle Augustiable Prepare final contractor contracts (five original copies) according to Fing to the Augustiable Statement of the FAA grant application. Attend bid opening, prepare a tabulation of bids, and make a recommendation for

Furnish on-job construction observation to monitor and document construction progress, document conformance with schedules, plans, and specifications, and advise the Airport of defects or deficiencies noted. Resident engineer(s) will measure and document construction pay quantities and document significant conversations or situations. The Engineer shall not be responsible for construction means, methods, techniques, sequences, quality of work, procedures, or for safety precautions and programs in connection with the work. Such responsibility shall rest with the Contractor.

Provide quality assurance testing as required by the FAA. provided by Contractor.

Provide coordination between the contractor, Airport staff, Airport users, and FAA personnel during construction.

Maintain daily logs and prepare weekly FAA inspection reports.

Prepare monthly contractor progress estimates and corresponding FAA reimbursement requests.

Conduct a final project inspection with the Airport, FAA, and the contractor.

Prepare project close-out including:

Final project report. Final quantities and summaries. Prepare record drawings. Payroll record review.

PROJECT SHEET LIST

- 1. Cover
- 2. Project Layout Plan
- 3. Runway Plan & Profile & Drainage (1" = 30' Horizontal)
- 4. Runway Plan & Profile & Drainage (1" = 30' Horizontal)
- 5. Runway Plan & Profile & Drainage (1" = 30' Horizontal)
- 6. Runway Plan & Profile & Drainage (1" = 30' Horizontal)
- 7. Runway/Taxiway Transition Plan & Profile
- 8. Runway/Taxiway Transition Plan & Profile
- 9. Runway/Taxiway Transition Plan & Profile
- 10. Runway/Taxiway Transition Plan & Profile
- 11. Runway/Taxiway Transition Plan & Profile
- 12. Runway Pavement Sections
- 13. Taxiway Pavement Sections
- 14. Runway Striping Plan & Details
- 15. Electrical Plans
- 16. Electrical Plans
- 17. Electrical Plans
- 18. Electrical Plans
- 19. Electrical Vault Upgrading
- 20. Electrical Details
- 21. Safety and Phasing Plan

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AIRPORT:	King Cour	ity Interna	tional Aim	ort (Boeing	(Field				
PROJECT:	Runway 13				,				
CLIENT:	King Count								
JOB NUMBER:	23-00-009	,							
DATE:	7/14/00								
<u></u>	PROJECT	SENIOR	DESIGN	SE	SURVE	2-MAN	WORD		
	PRNPAL	ENGR	ENGR	DESIGNER				TOTAL	PROJECT
				2201011211	, , , ,	00			11100201
PROJECT TASK	\$46.71	\$35.94	\$21.49	\$24.75	\$19.96	\$40.00	\$19.96	HRS	COST
PRELIMINARY DESIGN							1.44	12 12	C_{ℓ}
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DIRECT SALARY:				_	ι_{ι}		1 1	10	
Attend Scoping Meeting	4	4	4	0	L 0	0			
Attend Pre-Design Meeting	4	4	4	0	. ⟨Ψ ν 0	0	0	12	\$417
Prelim. Const. Cost Estimate	0	8	0	0	(y 0	0 1/	0	8	\$288
Grant Application	0	6	0	فر ہ ∘	. 0	0 I.	0	6	\$216
Review Existing Site Data	1	2	8	00	A	28	0	11	\$291
Topographic Survey	1	15	0	ດັ	(40)	(60)	0	116	\$3,784
Geotechnical Investigation Coord	0	0	4	0	کو)		0	4	\$86
Deflection Testing Coord.	ō	4	Ó	Ō	0	Ō	0	4	\$144
DBE Program/Goals	1	1	12	ō	ō	ō	ō	14	\$341
CEDA Charlina \		Ö	16	ŏ	ŏ	ŏ	ŏ	17	\$391
DEA WAT NEW	ノ	v	,,,	·	٠	·	Ū	• • •	\$351
Direct Labor	12	44	48	0	40	60	0	204	\$6,375
Overhead - Percentage of Direct	Labor		177%	4					\$11,284
Fixed Fee - Percentage of Direct		verhead	15%	_					\$2,649
Subtotal - Labor, Overhead, Fixe	d Fee							-	\$20,308
EVDENCEO.									
EXPENSES:	^	N			(D-1- C	_014 5			
Computers:	0	Hours @		per hr.	(Data C			\$0	
	0	Hours @	\$ 12	per hr.	(Soft De	sk)		\$0	
Travel:	Cost/Unit	Trips	Miles						
Mileage	\$0.40	12	60					\$288	
Misc. Expenses:	Ψ0.70		50					4200	
Fax								\$5	
Aerial Photo								• -	
								\$150	
Telephone								\$10	
Postage								\$10	
Printing								\$10	
Processing Fee								\$28	
Subtotal - Expenses									\$501
SUBCONSULTANTS:									
PacRim - Geotechnical Investigation	on							\$5,500	
Pavement Engineers - Deflection								\$4,940	
Handling Fee								\$1,566	
Subtotal - Subconsultants								. ,	*40.000
Suptotal - Supconstitiguts									\$12,006
									-

TOTAL PRELIMINARY DESIGN

\$32,815

(Lump Sum)

			_					•				
		AIRF	PORT:	King Coun	ty Interna	tional Air	ort (Boeing	Field)				
	1	PRO	JECT:	Runway 13L-31R Rehabilitation								
	(CLIE	NT:	King Count	y							
•		ЮB	NUMBER:	23-00-009								
_	. 1	DATI	É:	7/14/00								
	ſ			PROJECT	SENIOR	DESIGN	SE	SURVEY	CADD	WORD		
		SHE	ET	PRNPAL	ENGR	ENGR	DESIGNER	TECH	OPER.	PROC.	TOTAL	PROJECT
	Ŀ	* :	SHEET & TASK DESCRIPTION	\$46.71	\$35.94	\$21.49	\$24.75	\$19.96	\$19.96	\$19.96	HRS	COST
		DES	IGN ENGINEERING									
		DIRE	ECT SALARY:									
			Life Cycle Cost Analysis	1	4	8	0	0	0	0	13	\$362
			Pavement Bonding Analysis	4	8	2	Ō	ō	0	Ō	14	\$517
		_ `	are men a conting rate, you	•	•	_	•	-	_	_		4
	, p		Plan Sheets:									
	M	1	Cover	0	1	4	0	0	6	0	11	\$242
. 4		2	Proj Layout Plan	1	2	8	2	0	20	0	33	\$739
, ኢ	/	^ 3	Runway Plan & Profile & Drainage	1	4	8	8	0	20	0	41	\$960
		4	Runway Plan & Profile & Drainage	1	4	8	8	0	20	0	41	\$960
Ú,	/	5	Runway Plan & Profile & Drainage	1	4	8	8	0	20	0	41	\$96 0
1181	L	6	Runway Plan & Profile & Drainage	1	4	8	8	0	20	0	41	\$960
W 48	(7	RW/TW Transition Plan & Profile	1	2	8	4	0	20	0	35	\$789
\sim 0. \sim		8	RW/TW Transition Plan & Profile	1	2	8	4	0	20	0	35	\$789
O	(a	9	RW/TW Transition Plan & Profile	1	2	8	4	0	20	0	35	\$789
J. 2. 1	VZ.	10	RW/TW Transition Plan & Profile	1	2	8	4	0	20	0	35	\$789
The Dr	1	11	RW/TW Transition Plan & Profile	1	2	8	4	0	20	0	35	\$789
a W	- /	12	Runway Pavement Sections	2	8	8	4	0	20	0	42	\$1,051
6.0	-/-	13	Taxiway Pavement Sections	1	8	8	4	0	20	. 0	41	\$1,004
`\\J	1	14	RW Striping Plan & Details	1	2	8	8	0	20	0	39	\$888
. ~	/	15	Electrical Plans	1	4	2	Ō	Ō	2	0	9	\$273
12	1	16	Electrical Plans	1	4	2	Ō	0	2	Ó	9	\$273
، س	1	17	Electrical Plans	1	4	2	Ö	Ō	2	0	9	\$273
		18	Electrical Plans	1	4	2	ō	ō	2	Ō	9	\$273
X 1		19	Electrical Vault Upgrading	i	4	2	ō	Õ	2	ō	9	\$273
<i>,</i>		20	Electrical Details	1	4	2	ō	ō	2	ō	9	\$273
Sons Sons	١.	21	Safety & Phasing Plan	4	10	16	4	Ö	20	ō	54	\$1,388
	\cup		Permits/Letter Report	0	0	0	0	0	0	0	0	\$0
			Pavement Design	0	16	Ö	0	Ö	0	Ö	16	\$575
			Draft/Final Engineer's Design Repo	-	10	20	Ö	Ö	Ö	8	40	\$1,042
			3 Review/ Coordination Meetings	8	12	12	8	ő	Õ	Õ	40	\$1,261
			Incorporate Review Comments	0	4	8	8	0	10	Õ	30	\$713
			Construction Management Plan	1	4	10	0	ŏ	0	ő	15	\$405
			Specifications	1	30	30	0	ő	Ö	ő	61	\$1,770
			Quantities/Cost Estimates	ż	8	10	20	ő	ő	ő	40	\$1,091
			Bid Advertisement	Ď	1	0	0	ŏ	0	1	2	\$56
			QA/QC	8	10	ő	0	0	0	ò	18	\$733
			Direct Labor	51	188	236	110	0	308	9	902	\$23,260
			Overhead - Percentage of Direct Fixed Fee - Percentage of Direct		Overhead	1779 159						\$41,170 \$9,665
					, 1011cau	101	•					
			Subtotal - Labor, Overhead, Fixe	α Fee								\$74,095

AIRPORT:	King County International Airport (Boeing Field)	
PROJECT:	Runway 13L-31R Rehabilitation	
CLIENT:	King County	
JOB NUMBER:	23-00-009	
DATE:	7/14/00	
EXPENSES:		
Computers:	300 Hours @ \$12 per hr. (AutoCadd)	\$3,600
	100 Hours @ \$12 per hr. (EaglePoint)	\$1,200
Travel:	Cost/Unit Trips Miles	• • •
Mileage	\$0.40 6 60	\$144
Misc. expenses:	,	••••
Fax		\$ 5
Telephone		\$10
Postage		\$10
Printing - 50 sets		\$2,000
Processing Fee		\$2,000 \$304
1 Toodsaing 1 ce	,	\$304
Subtotal - Expenses		\$7,273
SUBCONSULTANTS:		•
Elcon - Electrical Engineering Handling Fee		\$33,699 \$5,055
Subtotal - Subconsultants		\$38,754
	TOTAL DESIGN ENGINEERING (Lump	Sum) \$120,122
	TOTAL - LUMP SUM ENGINEERING	\$152,937

CONS DIRECT Bid Add Aff Bid FA CC Pr Fic CC Re Pr Ut Di Tr Mi Pe Mi Pr St	ROJECT TASK STRUCTION ENGINEERING CT SALARY: idding Co-ord / Questions ddenda (Assume 1) Ittend Bid Opening id Analysis / Recommendation AA Grant App onstruction Contracts re-Construction Conference led Engineering 1. Specification onstruction Coordination repare Dally & Weekly Reports ay Estimates onduct Final Inspection ecord Drawings	7/14/00 PROJECT PRNPAL \$48.58 2 1 0 0 1 0 0 1 10	\$37.38 (Based on 8 4 4 8 2	8 8 0	SE DESIGNER \$25.74 ng-Day Sched 4 0	\$20.76	CADD	WORD PROC. \$20,76		PROJECT
CONS DIRECT Bid Add Aff Bid FA CC Pr Fic CC Re Pr Ut Di Tr Mi Pe Mi Pr St	ctruction engineering ctruction engineering ctruction engineering dding Co-ord / Questions ddenda (Assume 1) tend Bid Opening id Analysis / Recommendation AA Grant App onstruction Contracts re-Construction Conference relate Engineering To Special Conference repare Dally & Weekly Reports ay Estimates onduct Final Inspection	2 1 0 0 1 0 0	(Based on 8 4 4 8 2	8 8 0	ng-Day Scheo	ule)	\$20.76	\$20.76	HRS	COST
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Bic FA Co Price Co Pr	id Analysis / Recommendation AA Grant App onstruction Contracts re-Construction Conference ield Engineering To Section onstruction Coordination repare Dally & Weekly Reports ay Estimates onduct Final Inspection	0 1 0 0 10	8 2			0	0	2	15	\$418
EXPENDING Property of the control o	AA Grant App onstruction Contracts re-Construction Conference ield Engineering To Specification onstruction Coordination repare Dally & Weekly Reports ay Estimates onduct Final Inspection	1 0 0 10	2		≱ Do	0	0	0	4	\$150
CC Pri Fist Pri CC Re Pri Up Dii St. EXPER CC Tr. Mi Pe Mi	onstruction Contracts re-Construction Conference reld Engineering In Specification onstruction Coordination repare Dally & Weekly Reports ay Estimates onduct Final Inspection	0 0 10		8	{T 0	0	0	0	16	\$478
EXPER ON FID SU EXPER OX Tr Mi Pe Mi	re-Construction Conference reld Engineering To SPG A TO Onstruction Coordination repare Dally & Weekly Reports ay Estimates onduct Final Inspection	0 10	^	8 /	\mathbf{v}_{0}	0	0	2	13	\$344
EXPER ON FID SU EXPER OX Tr Mi Pe Mi	ield Engineering To specification coordination repare Daily & Weekly Reports ay Estimates onduct Final Inspection	10	0	4 17) 0	0	0	8	12	\$255
EXPER ON FID SU EXPER OX Tr Mi Pe Mi	onstruction Coordination repare Dally & Weekly Reports ay Estimates onduct Final Inspection		6	6 /	4	0	0	0	16	\$461
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EXPER ON Fib Su EXPER OX Tr Mi Pe Mi	ay Estimates onduct Final Inspection	0	0	40	0	Ö	ŏ	ő	40	\$894
EXPER ON FID SU EXPER OX Tr Mi Pe Mi	onduct Final Inspection	Ö	8	16	4	Ö	ŏ	Ö	28	
EXPER ON Fib Su EXPER OX Tr Mi Pe Mi	•	ŏ	6	- 6	ō	0	Ö	0		\$760
EXPER ON Fib Su EXPER OX Tr Mi Pe Mi		0	4	10	10	0			12	\$358
Up Di On Su EXPER CC Tr Mi Pe Mi	roject Closeout	2					20	0	44	\$1,046
Dia On Fig Su EXPEN Co Tr. Mi Pe Mi	pdate FAA Pavement Form		30	40	10	0	0	8	90	\$2,536
Ov Fib Su EXPEN Co Tr. Mi Pe Mi	•	0	2	2	0	0	0	0	4	\$119
EXPEN CA Tr Mi Pe Mi	irect Labor	26	257	431	202	0	20	20	956	\$26,532
EXPEN Co Tr. Mi Pe Mi	verhead - Percentage of Direct I ixed Fee - Percentage of Direct I ubtotal - Labor, Overhead, Fixe	Labor Plus O	verhead	177% 15%					_	\$46,962 \$11,024
Co Tr Mi Pe Mi Pr Su	and an experience of the control of									\$84,5 18
Mi Pe Mi Pr Sa	NSES: computers:	60	Hours @	\$12	per hr.				\$720	
Pe Mi Pr Su	ravel:	Cost/Unit	Trips	Miles	Days					
Pe Mi Pr Sa	lileage	\$0.40	50	60	Dayo				\$1,200	
Mi Pr Su	er Diem	******							\$1,200	
Pr Su	lisc. expenses:								40	
Su	Fax								45	
Su	Telephone								\$5	
Su	Postage								\$50	
Su	Printing								\$ 10	
Su	Microfiche								\$1 0	
Su	Field Supplies								\$5	
Sı	rocessing Fee								\$10	
	· ·								\$14	
SUBC	ubtotal - Expenses									\$2,024
	CONSULTANTS:					•				
Qt	tuality Assurance Lab Testing								\$35,000	
Ek	Icon Associates, Inc.								\$12,398	
Ha	andling Fee								\$7.110	
	5								\$7,110	***
	•	TOTAL (CONSTR	RUCTION	I ENGINEE	RING		(Time & I	Expense)	\$54,508 \$141,050
	•							•	. ,	
engfee	3		ERING							\$293,987

CIP ROUTING SI

Project 1	Name:	Runway 13L-31R Rehap				
Project 1	Number:	001294				
1.0 Des	ign					
	1.1	Proposal/RFP				
	1.2	Consultant Agreement				
		1.2.1 Bonds/Insurance				
		1.2.2 Amendments				
		1.2.3 Contract Documents				
	1.3	Invoices/Progress Payments				
	1.4	Incoming Correspondence				
	1.5	Outgoing Correspondence				
1.4	1.6	Record of Conversations (Phone/E-Mail)				
X	1.7	Technical Reports				
	1.8	Drawings				
2.0 Construction						
	2.1	Proposal/RFP				
	2.2	Contract				
	<i>L.L</i>	2.2.1 Change Orders				
		2.2.2 Contract Documents/Drawings				
		2.2.3 Bonds/Insurance Certificates				
		2.2.4 Permits/Licenses				
	2.3	Invoices/Progress Payment				
	2.4	Incoming Correspondence				
	2.5	Outgoing Correspondence				
	2.6	Record of Conversations (Phone/Email)				
	2.7	Quality Control/Technical Reports				
	2.8	Schedules				
	2.9	Record Documents (As-Built)				
	2.9.A	O&M Manuals				
	2.9.B					
	2.9.C	Certified Payrolls/State Prevailing Wage				
		Name:				
	2.9.D	Field Notes				
	2.9.E	Submittal No.				
3.9 Ou	tside Ag	encies				
	3.1	Incoming Correspondence				
	3.2	Outgoing Correspondence				
	3. 3	Record of Conversations (Phone/Email)				
	3.4	Internal Correspondence				
	3.5	Quality Control Reports				
	3.6	Technical Reports				
	3.7	External Funding Reports				
4.0 County Force Design						
	4.1	Proposal/RFP/Scope of Work				
	4.2	Work Authorization/Blanket Agreement				
	4.3	Internal Correspondence				
	4.4	Record of Conversations (Phone/Email)				
	4.5	Technical Reports				
EA C-						
3.U T.01		ce Administration				
	5.1	Internal Correspondence				
	5.2	Record of Conversations (Phone/Email)				
		Project Closeout				
	5.4	Field Notes (Misc)				
		12/2/02				
Request	ed By &	Date				
Filed By	& Date_	<u> </u>				
		▼ 1				

CIP ROUTING SLIP PLANNING

Project Name:					
Project Number:					
6.0 Planni	ing				
6.1	Project Scoping and Goals				
6.2	Project Budget				
6.3	Consultant Services				
6.4	Proposal/RFP				
6.5	Studies/Plans				
	6.5.1 Feasibility				
	6.5.2 Pre-Design				
	6.5.3 30 Percent Design				
6.6	Coordination				
	6.6.1 Department				
	6.6.2 Agencies/Jurisdictions				
	6.6.3 Community				
6.7	Correspondence				
6.8	Technical Reports/Maps				
6.9	Plans				